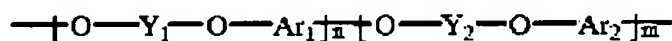


## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

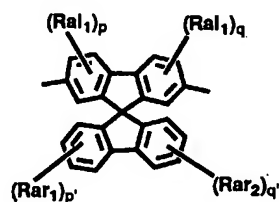
### **LISTING OF CLAIMS:**

**1. (original):** An insulating-film forming material comprising a resin (A) that has a structure represented by general formula (I):

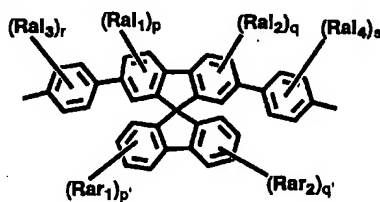


(I)

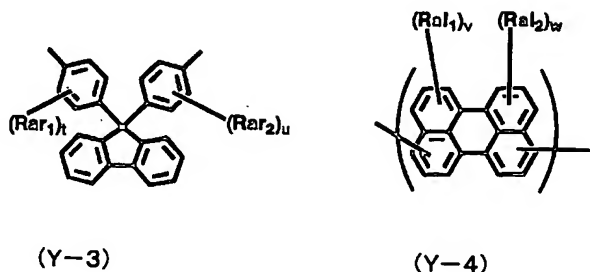
wherein Y<sub>1</sub>, Y<sub>2</sub>, Ar<sub>1</sub> and Ar<sub>2</sub> are the same or different; each of Y<sub>1</sub>, Y<sub>2</sub>, Ar<sub>1</sub> and Ar<sub>2</sub> represents an aromatic ring-containing divalent organic group; at least one of Y<sub>1</sub> and Y<sub>2</sub> is selected from the group consisting of formulae (Y-1), (Y-2), (Y-3) and (Y-4); m and n each indicates a molar percentage of the repeating units; and m falls between 0 and 100 with (m + n) = 100;



(Y-1)



(Y-2)



in formulae (Y-1) and (Y-2),  $Ral_1$  to  $Ral_4$  each represents a monovalent hydrocarbon group not containing an aromatic ring;  $Rar_1$  and  $Rar_2$  each represents an aromatic ring-containing monovalent hydrocarbon group;  $Ral_1$  to  $Ral_4$ ,  $Rar_1$  and  $Rar_2$  may bond to each other to form a ring; and  $p$ ,  $q$ ,  $r$ ,  $s$ ,  $p'$  and  $q'$  each indicates an integer of from 0 to 3; and

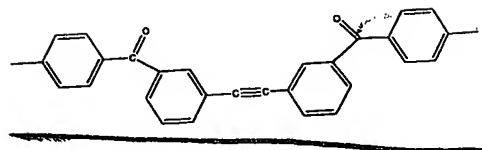
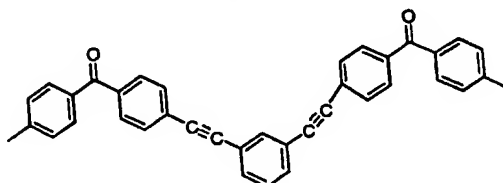
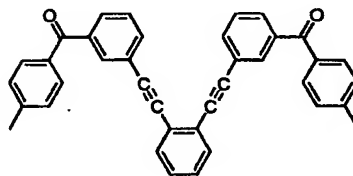
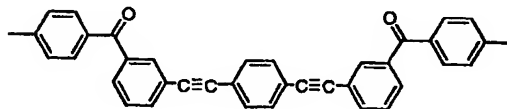
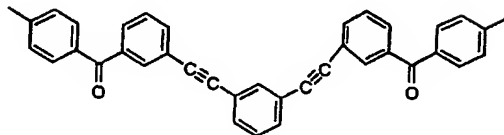
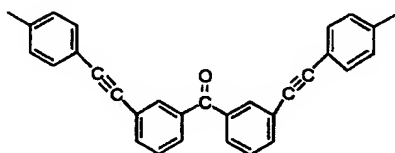
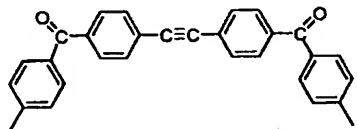
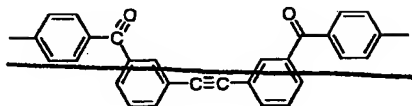
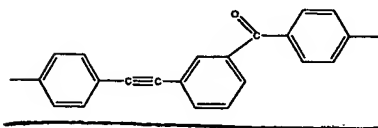
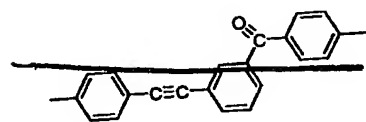
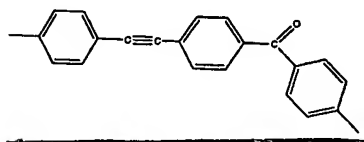
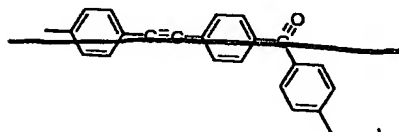
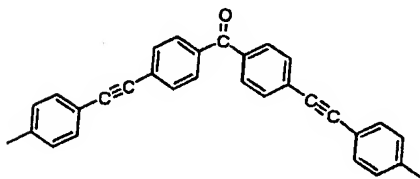
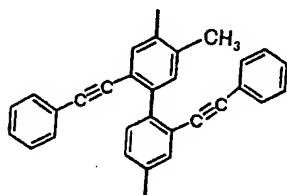
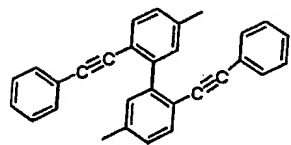
in formulae (Y-3) and (Y-4),  $Ral_1$  and  $Ral_2$  each represents a monovalent hydrocarbon group not containing an aromatic ring;  $Rar_1$  and  $Rar_2$  each represents an aromatic ring-containing monovalent hydrocarbon group;  $Ral_1$ ,  $Ral_2$ ,  $Rar_1$  and  $Rar_2$  may bond to each other to form a ring;  $t$  and  $u$  each indicates an integer of from 1 to 4; and  $v$  and  $w$  each indicates an integer of from 0 to 4.

**2. (original):** The insulating-film forming material as claimed in claim 1, wherein each of  $Y_1$  and  $Y_2$  in formula (I) is selected from the group consisting of formulae (Y-1) and (Y-2).

**3. (currently amended):** The insulating-film forming material as claimed in claim 1, wherein each of  $Y_1$  and  $Y_2$  in formula (I) is selected from the group consisting of (Y-3) and (Y-4), and each of  $Ar_1$  and  $Ar_2$  is selected from the group consisting of the following groups [Ar]:

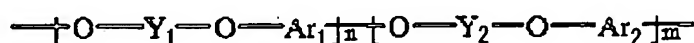
RESPONSE TO ELECTION OF SPECIES REQUIREMENT  
AND AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. APPLN. NO. 10/805,204

ATTY DKT Q80610



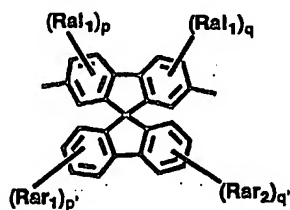
4. **(original)**: An insulating film obtained by using an insulating-film forming material as claimed in claim 1.

5. **(original)**: A porous insulating-film forming material comprising: a polymer that has a structure represented by general formula (I); and at least one of a compound (B-1) and hollow particles (B-2), the compound (B-1) having a boiling or decomposition point of 250°C to 450°C,

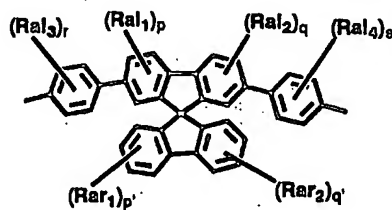


(I)

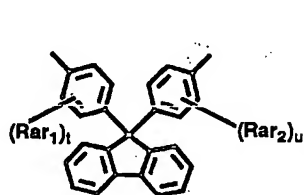
wherein Y<sub>1</sub>, Y<sub>2</sub>, Ar<sub>1</sub> and Ar<sub>2</sub> are the same or different; each of Y<sub>1</sub>, Y<sub>2</sub>, Ar<sub>1</sub> and Ar<sub>2</sub> represents an aromatic ring-containing divalent organic group; at least one of Y<sub>1</sub> and Y<sub>2</sub> is selected from the group consisting of formulae (Y-1), (Y-2), (Y-3) and (Y-4); m and n each indicates a molar percentage of the repeating units; and m falls between 0 and 100 with (m + n) = 100;



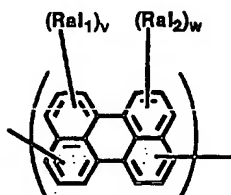
(Y-1)



(Y-2)



(Y-3)



(Y-4)

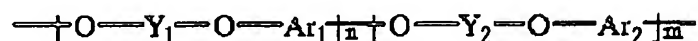
in formulae (Y-1) and (Y-2),  $Ra_1$  to  $Ra_4$  each represents a monovalent hydrocarbon group not containing an aromatic ring;  $Rar_1$  and  $Rar_2$  each represents an aromatic ring-containing monovalent hydrocarbon group;  $Ra_1$  to  $Ra_4$ ,  $Rar_1$  and  $Rar_2$  may bond to each other to form a ring; and  $p$ ,  $q$ ,  $r$ ,  $s$ ,  $p'$  and  $q'$  each indicates an integer of from 0 to 3; and

in formulae (Y-3) and (Y-4),  $Ra_1$  and  $Ra_2$  each represents a monovalent hydrocarbon group not containing an aromatic ring;  $Rar_1$  and  $Rar_2$  each represents an aromatic ring-containing monovalent hydrocarbon group;  $Ra_1$ ,  $Ra_2$ ,  $Rar_1$  and  $Rar_2$  may bond to each other to form a ring;  $t$  and  $u$  each indicates an integer of from 1 to 4; and  $v$  and  $w$  each indicates an integer of from 0 to 4.

**6. (original):** The porous insulating-film forming material as claimed in claim 5, wherein each of  $Y_1$  and  $Y_2$  in formula (I) is selected from the group consisting of formulae (Y-1) and (Y-2).

**7. (original):** The porous insulating-film forming material as claimed in claim 5, wherein each of  $Y_1$  and  $Y_2$  in formula (I) is selected from the group consisting of formulae (Y-3) and (Y-4).

**8. (original):** A porous insulating-film forming material comprising a resin (A') that has a structure represented by formula (I'):



(I')

wherein Y<sub>1</sub>, Y<sub>2</sub>, Ar<sub>1</sub> and Ar<sub>2</sub> are the same or different;  
each represents an aromatic ring-containing divalent organic group;  
at least one of Y<sub>1</sub>, Y<sub>2</sub>, Ar<sub>1</sub> and Ar<sub>2</sub> includes at least one of (a) a structure that decomposes under heat at 250°C to 450°C to generate gas; (b) a structure that decomposes through UV irradiation to generate gas; and (c) a structure that decomposes through electron beam irradiation to generate gas;

m and n each indicates a molar percentage of the repeating units; and

m falls between 0 and 100 with (m + n) = 100.

**9. (original):** A porous insulating film obtained by using an insulating-film forming material as claimed in claim 5.

**10. (original):** A porous insulating film obtained by using an insulating-film forming material as claimed in claim 8.